



فروشگاه اینترنتی کشاورزی باغبانی و دامپروری

FARMKALA.COM

#### INSTALLATION METHOD OF THE DEVICE ENGINE

- A) Before installing the engine of Ulv Head in place, the drug hose connected to body check at the shredding, crushing, and any injury should not.
- B) Share your own parts, separated by a 3, and taking into consideration the process of dismantling the engine seal and the impeller cover, first, please assemble the filter holder. The motor winding portion of the space so that there is full and place the propeller on the cover, tighten the mounting screws in the bottom section. Fasten connection cables with soldering of engine ears.
- C) Before connection of filter chamber in the body of device, Seal the edges of the engine lubricating seal for more comfortable to pass, place it in the body of the holder and tighten the mounting screws. Replace the air filter and filter chamber to complete the process by closing the lid.

## **HSC ELECTRICAL ULV DEVICE TECHNICAL SPECIFICATION**

HSC Electrical ULV Device is ULV (Ultra Low Volume ) atomizer which generate lower volume drop. As ideal sprayers , taking high efficiency results at the disinfection of hotel, restaurant, canteen, public places, camping, schools, offices, polyclinics, planes, trains, stables, shep folds, farms, farm grinders, conservatory (i.e).

HSC Electrical ULV Device has adjustable flow rate regulator between minimum 0,050 lt up to maximum 0.400 lt per minutes depending on liquid type and viscosity through flow rate ( rpm) adjusting level system

### **SAFETY CAUTIONS**

- A. Pay attention all cautions concerning operation of device which was labeled on the device. Firstly Do not touch to parts before clean up with compressive water .
- B. All personal That be exposed with aerosol should wear all protective clothes and also wear respirator mask that was remarked on label.
- C. Do not spray formulations containing solvents that harm plastics (i.e metiler chloride)
- D. Do not spray near open flame.
- E. Check the suction hose to the warehouse on a regular basis.
- F. Check the cleanliness of the air filter regularly. Clogged air filter, inappropriate spraying can cause defective performance and electric motor to overheat.

- G. Whenever possible, run the device in the presence of dry air
- H. Clean device and empty solution tank after each application.

### **ATTENTION**

HSC Electrical ULV Device suitable to deploy in the form of aerosol droplets such as ( drug, fragrance, water i.e) .

### **The Sample avarage consumptions of flow tuning regulator which applied at various levels**

Datas has been given on next page according to using pure water and various oil based chemicals However, unlike the amount of liquid sprayed always provides an excellent distribution. Droplet diameters are between 5-40 micron. More specifically, at the consumption of 10 l/ h , % 70 particles are less than 10 micron and particules of less than % 10 is around 20 micron.

These particles are coated entirely with the spray, deliver maximum impact on insects. Particle diameters as large (100-500 microns in diameter) most of the liquid is lost before reaching the target, contrast or small particles (1 micron and smaller-scale) insects are eliminated the problem of not being effective because of the minimum contacts. In both cases (large drops or small drops) there is loss of drug. ULV Electric Appliance HSC-controlled injection system can be set using the diameter of an atom.

## REMOVAL METHOD OF THE DEVICE ENGINE

A) ULV head consists of three main parts .

- 1) ULV Body 2) Filter Slot 3) Filter Chamber Cover

ULV head filter slot cover, loosening the butterfly nut Remove the air filter. Body found on part of the filter holder, remove the sides of 4 units by removing the screw nut. (The filter will come out over the bay is a simple pull action)

B) Should be considered because of motor power cables come from the body of ULV on the mounted The filter Chamber Cover. Remove out the motor from connection cables by removing the ears, with the engine out together with filter slot.

C) The motor is divided into 3 parts between each other.

- 1) The motor rotor and the winding portion
- 2) The motor propeller cover
- 3) Engine air sealing gasket

D) For the separate engine from fan cover , remove the bottom part, the 2 pieces by loosening the screw nut and gently separated from the edges of your engine.

E) Fan cover and air sealing gasket, filter slot, separated from each other after connecting the screws, you will have successfully completed the process of dismantling the engine.

11- If Spaces are around of the home, picnic site or around the swimming pool;

- a) For best results, cool morning and evening hours of the day is achieved when pests are active. The ideal wind speed of 50-10 km / h between. If the wind speed is 15 km / h exceeds the drugs are not recommended for implementation.
- b) Start to operation from way of wind blow and walk in the direction of the wind while holding the device at waist height.

### ATTENTION

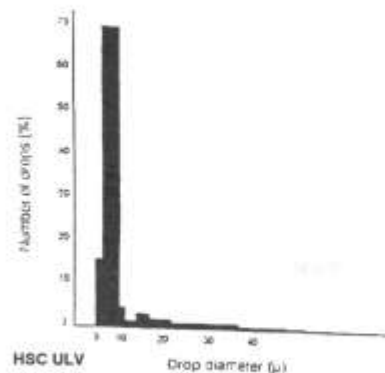
A suitable respirator must be worn by personnel exposed to aerosol.

## HSC ELEKTRICAL ULV DEVICE INFORMATION OF REPLACING ENGINE

If you think the device should be replaced by engine and do not have any technical knowledge, before gaining information from the manufacturer certainly do not interfere with the device.

### ATTENTION

Before the device response, please note that the device is not plugged.



Particle Sizes 1 METER PLACE FALL TIME

100 Micron	5 Seconds
50 Micron	5 Minutes
20 Micron	4 Hours
1 Micron	8 Hours
0,25 Micron	Unmeasurable

#### Technical Speficiation

TYPE	ULV ( Cold Misting ) Device
MOTOR	Elektrical 220 V 50 / 60 Hz
POWER	1400 W
SOLUTION TANK CAPACITY	5 - 10 lt
SOLUTION CONSUMPTION	3 – 21 lt / h
EMPTY WEIGHT	5,3 - 6,5 kg
SIZES ( LXWXY )	50 cm X 17 cm X 50 - 70 cm

#### OPERATION

- 1) First, make sure it is cut off electricity to the device. Open the lid of solution tank.
- 2) Not mix into drugs by different formula. Please fill in the filter with the medication if possible.
- 3) After filling tank lid off the medication thoroughly.
- 4) Make sure that the position of device switch off before plugging
- 5) Place the spray device area to be most effective and the switch is on (On) position.
- 6) After a few seconds the device will start spraying. Adjust the flow regulator tuning. Provide desired spraying performance by aid of serrated button.

#### OPERATION REQUIREMENT

##### A) MAIN CAUTIONS

- 1- Read and learn carefully command and disinfection labels.
- 2- Provide adequate ventilation for spraying and spraying parts.

##### A) INTERNAL APPLICATION

- 1- If you have pets ( fish, bird, i.e ) remove the outside.
- 2- Turn off the sprayed area as possible. After the procedure, leave it off for at least 1 hour.

- 3- To obtain the most effective results, close the inner doors.
  - 4- To avoid a potentially explosive from open flames and turn off the lights.
  - 5- Extinguish open flames to protect them from a potentially explosive atmosphere. And Turn off the lights.
  - 6- Please do not exist near the device while in full protective mask during the procedure.
  - 7- Calculate the ratio of the drug for space that will procedure. Start with the most distant point on the exit and the exit slowly moved according to schedule, perform the transaction. This will reduce the duration of your exposure to the drug.
  - 8- Always keep the target 1 meter away. Short shots directly applicable to hazardous areas, or a known process. Drug residue shall not be separated over the target.
  - 9- Allow to remain in aerosol as much as possible. Indoor space ventilation for at least 1 hour, normally 2-6 hours is recommended to be left off.
  - 10- Typical firing rate, an average of 30 ml / min to determine the time of the application process, before the formula calculated the amount in the following way.
- $(m^3; \text{Procedure to be applied}) \times (\text{needed medication for } 1 m^3) =$   
 Needed medication ml

Needed medication (ml)

$\frac{\text{Needed medication (ml)}}{\text{Procedure duration ( min) flow rate ml/ m}}$   
 Our (In door ) Application

# فาร์ม کالا

فروشگاه اینترنتی کشاورزی باغبانی و دامپروری

FARMKALA.COM

